

FIG. 1

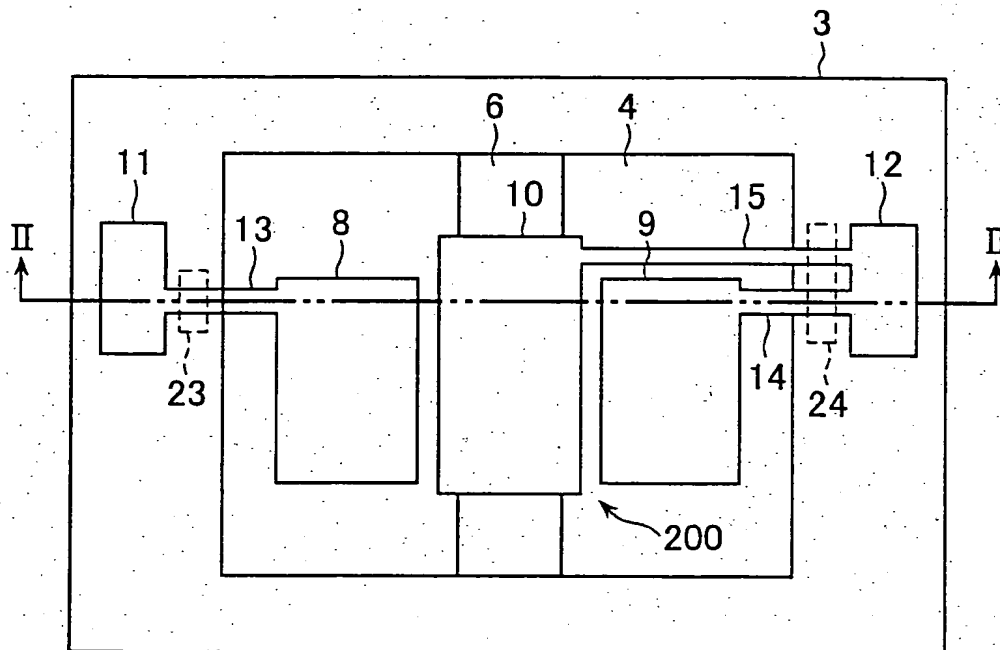
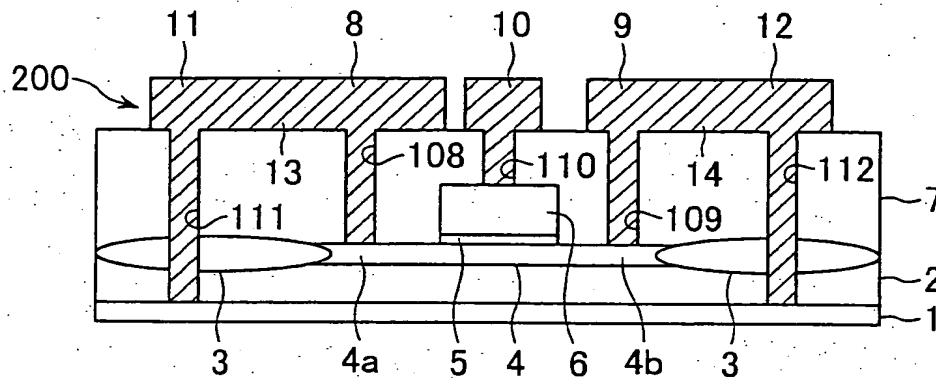
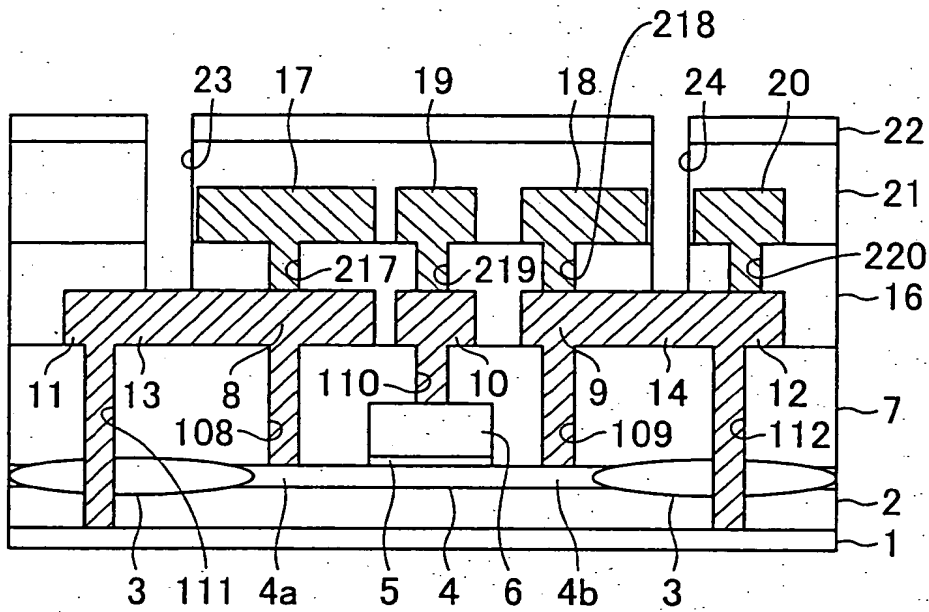


FIG. 2



[illegible][illegible]

FIG. 5



A schematic diagram of a three-chambered pump assembly 200. The assembly is contained within a housing 3 and consists of three vertical chambers: a first chamber 4 on the left, a second chamber 6 in the center, and a third chamber 4 on the right. Each chamber contains a piston: piston 8 in the first chamber, piston 10 in the second chamber, and piston 14 in the third chamber. The pistons are connected by a common shaft 9. The shaft 9 is driven by a motor 11 on the left and a motor 12 on the right. The motor 11 is connected to the shaft 9 via a coupling 23, and the motor 12 is connected via a coupling 24. The shaft 9 has a central section 15. The assembly is shown with a dashed line indicating a cross-section. The label 200 points to the entire assembly.

FIG. 8

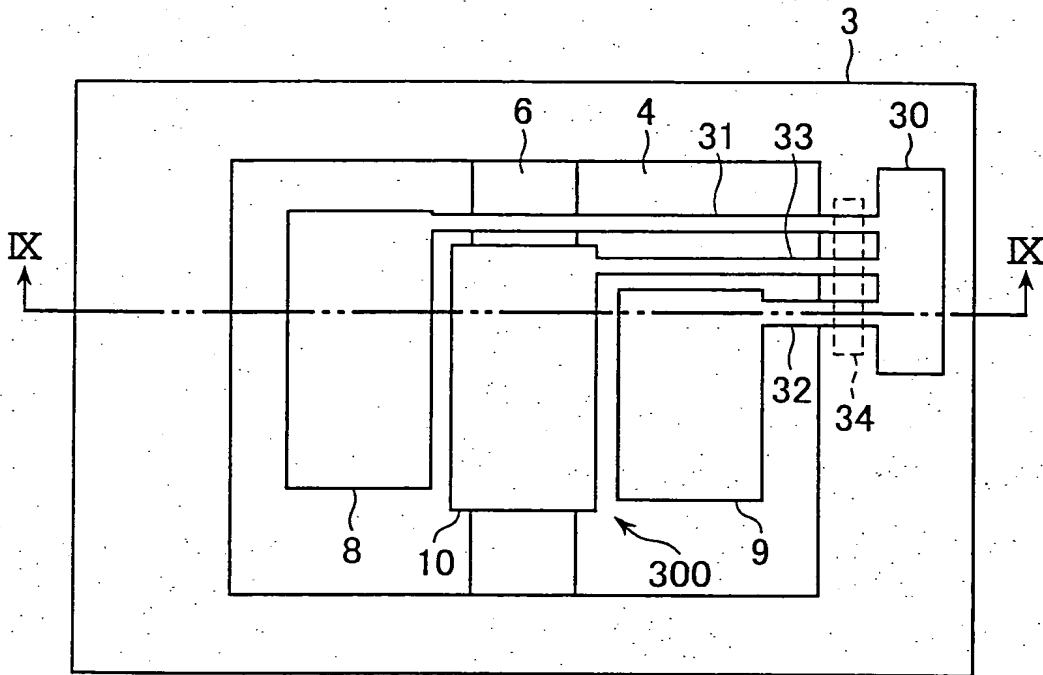


FIG. 9

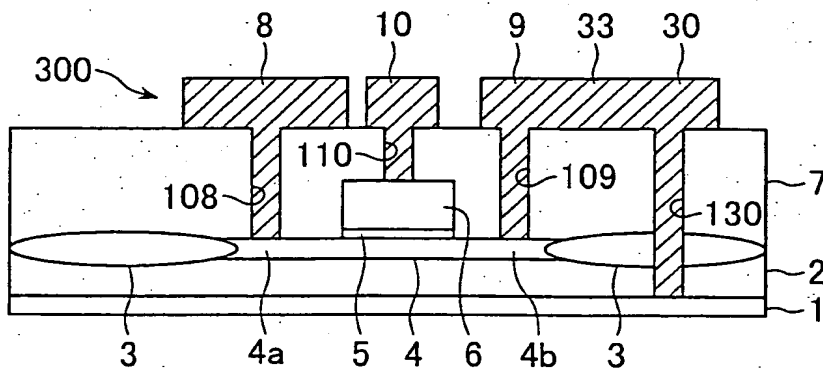


FIG. 10

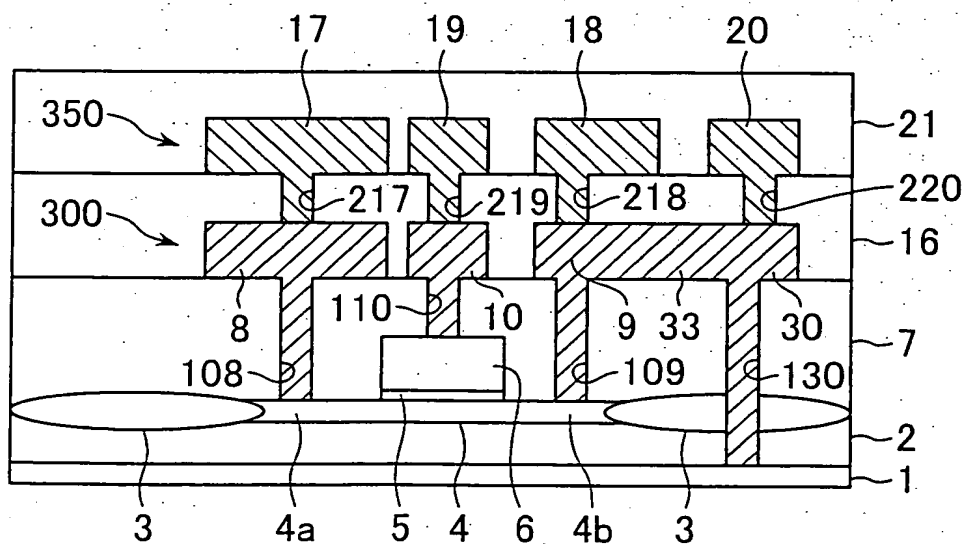


FIG. 11

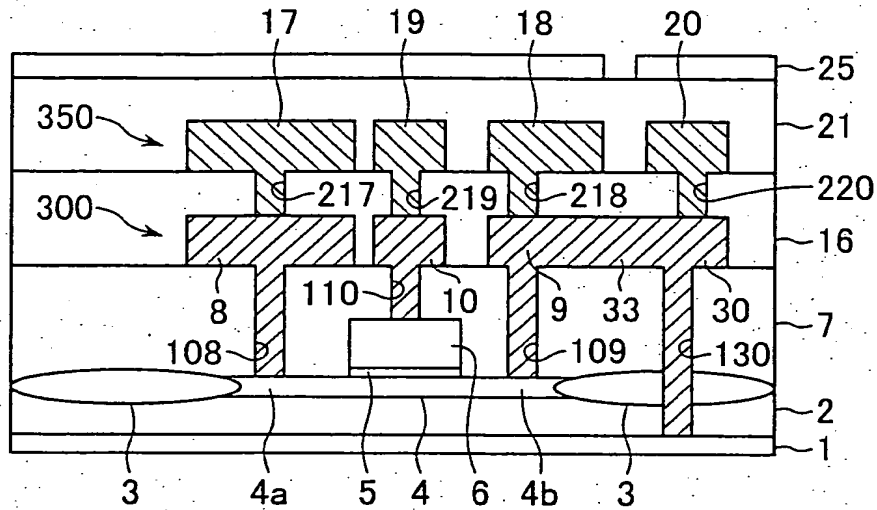


FIG. 12

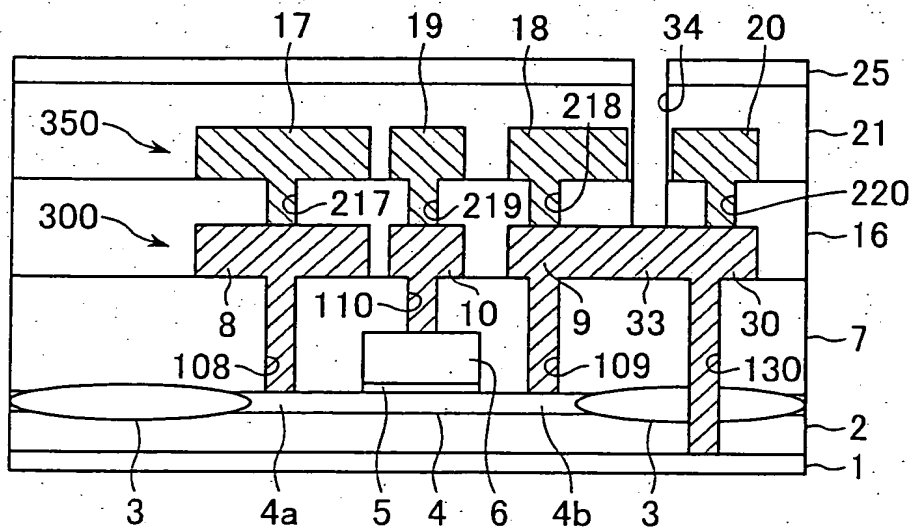


FIG. 13

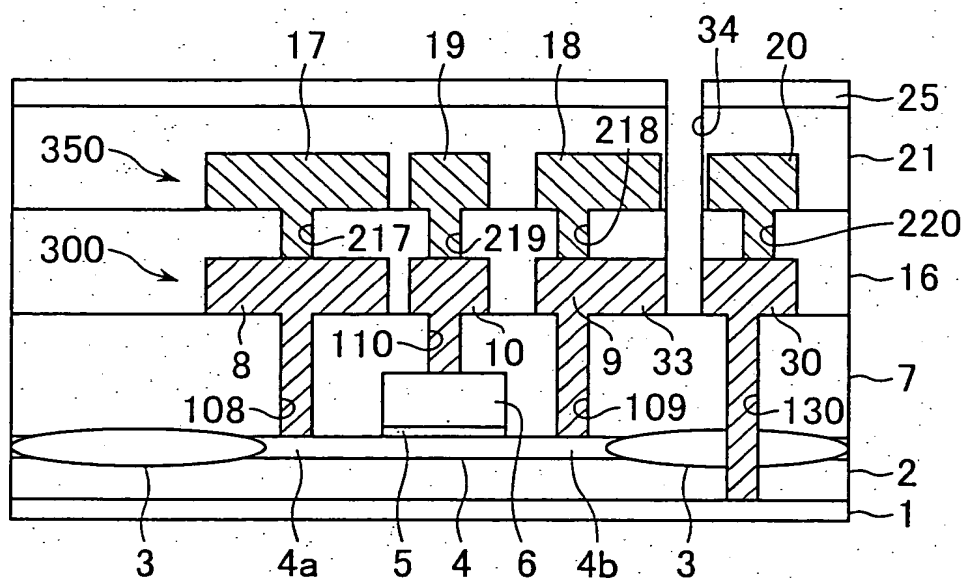


FIG. 14

